

HW#60A: Into to Imaginary Numbers
Geometry
Due Date: Thursday, February 6th, 2014
FORM A

Name: _____

Failure to show work on all problems or use complete sentences will result in a LaSalle.

Watch the following video and answer the following questions

<http://tinyurl.com/GEOMCP60>

Watch the above video and prepare a 2-minute presentation for the class about imaginary numbers. All of your notes should go in the space below:

STAY READY.

S.O.R.E.T.O.L.H.O.T.O.V.T

1) Simplify: $\frac{24m^2n^3}{8m^{-4}n}$

*Negative exponent...take reciprocal

2) Simplify: $(2j^{-3}h^4)^2$

$(2^2 \cdot j^{\square} \cdot h^{\square})$

*Fill in blanks then simplify

*multiply the 2 through the exponents!

3) Simplify: $\frac{2n^3}{16m^{-3}n^0}$

*Zero exponent = 1!

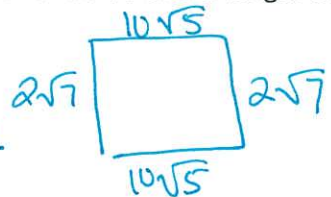
4) Simplify: $5rs^3 \cdot 2r^{-2}s$

5) Simplify: $\sqrt{360m^3}$

$\sqrt{360} \cdot \sqrt{mmm}$
 $\sqrt{\quad} \cdot \sqrt{\quad}$

6) A rectangle has a width of $10\sqrt{5}$ and a length of $2\sqrt{7}$.

a) Find the perimeter.
COMBINE like terms.



b) Find the area.
MULTIPLY! L.W

STAY READY.